



April 4, 2008

924.001.02.004

Brian A. Rakvica
Nevada Division of Environmental Protection
Bureau of Corrective Actions
2030 E. Flamingo Road, Suite 230
Las Vegas, NV 89119-0818

**Re: Revised Community Involvement Plan
Olin Chlor Alkali Products Property
Former Pioneer Americas LLC Facility
Former Stauffer Chemical Company Facility
Former Montrose Chemical Corporation of California Facility
Henderson, Nevada**

Dear Mr. Rakvica:

This *Community Involvement Plan* (CIP) has been prepared by PES Environmental, Inc. (PES) on behalf of Olin Corporation (Olin), Stauffer Management Company LLC/Syngenta Crop Protection, Inc. (SMC/Syngenta), and Montrose Chemical Corporation of California (Montrose), referred to as the “Companies herein, in response to the Nevada Division of Environmental Protection’s (NDEP) March 3, 2008 letter which requests the submittal of a “revised CIP”. This CIP presents an update of continuing community involvement activities specific to the Olin Chlor Alkali Products property in Henderson, Nevada (the “Site” as shown on Plate 1). The Olin property comprises land that was previously operated by Pioneer Americas LLC, Stauffer Chemical Company, and Montrose. This CIP has been prepared pursuant to the requirements of the 1996 Consent Agreements for both the Pioneer and Stauffer facilities (i.e., NDEP Consent Agreement dated June 28, 1996), and Montrose facility (i.e., NDEP Consent Agreement dated June 28, 1996), and guidance set forth in the U.S. EPA *Superfund Community Involvement Handbook* (2005) and U.S. EPA *Superfund Community Involvement Toolkit* (2002). To the extent other regulatory requirements are applicable, community notices or involvement would be consistent with such requirements (e.g., any public notification requirements pursuant to permitting programs applicable to site activities).

The purpose of this CIP is to facilitate two-way communication between the community surrounding the site and the Companies, and to identify the specific outreach activities that the Companies will use to address potential community concerns regarding environmental activities at the site. This CIP is intended to be a public document and will be made available with other site documents currently maintained at the document repository at the James I. Gibson Public Library, 280 S. Water Street, Henderson, Nevada. The following sections provide the details of the CIP pursuant to the requirements of the aforementioned 1996 Consent Agreements.

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PROPERTY DESCRIPTION

The property is located within the industrialized area of Henderson (Clark County), Nevada in the southeast portion of the Las Vegas Valley. The property currently consists of approximately 374 acres (Plate 1) and is owned and operated by Olin for the production of liquid chlorine, caustic soda, hydrochloric acid and bleach. The facility is located at the western end of the Black Mountain Industrial Complex (formerly known as the BMI Industrial Complex) shared with other manufacturing facilities including Tronox LLC (formerly Kerr-McGee Chemical Company), Titanium Metals Corporation, and Chemstar Lime Co., as well as with Basic Remediation Company (BRC) and its affiliates, among others.

The property has been used for the manufacturing of chemical products since 1942 by companies that include Basic Magnesium, Inc. (BMI), Stauffer, Montrose, Pioneer and Olin. The site was first occupied by BMI in 1942 when a plant was constructed to produce chlorine and caustic soda; chlorine was essential to the magnesium production process which occurred at other properties to the east of the site. The property was operated by Stauffer or its successors from 1945 through 1988 to produce chlorine, sodium hydroxide, and hydrochloric acid. Agricultural chemical products were also produced by Stauffer on an intermittent basis from 1946 through 1984. From 1947 through 1984 Montrose conducted chemical manufacturing operations at the property to produce hydrochloric acid and organic chemicals. Pioneer resumed operations for the production of hydrochloric acid, and in 1988 acquired the property for the continued production of chlor-alkali products. In 2007, Olin acquired the property and continues to manufacture liquid chlorine, caustic soda, hydrochloric acid and bleach. A comprehensive summary of historical operations and environmental investigations at the property are described in the *Draft Conceptual Site Model* (Hargis, 2007), which is on file at the James I. Gibson Public Library. The current and projected future land use of the property is heavy industrial/manufacturing; the property is currently zoned by Clark County as Industrial and Manufacturing.

REVISED COMMUNITY INVOLVEMENT PLAN

The objectives of this CIP are to: (1) provide an update of community involvement planning for environmental programs at the property; and (2) to address the NDEP's requirements for public participation pursuant to the 1996 Consent Agreements for both the Pioneer/Stauffer and Montrose facilities. Section V. (Public Participation) of the aforementioned 1996 Consent Agreements indicate the Companies shall comply with, and participate as required in the implementation of, the Public Involvement Plan as submitted to and approved by the Division pursuant to Section V.2 (Public Participation) of the BMI Common Areas Phase 2 Consent Agreement. Section V.2 of the BMI Common Areas Phase 2 Consent Agreement indicates: "Any such plan (Public Involvement Plan), at a minimum, address the following:

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- a. provide for the periodic development and distribution of fact sheets summarizing current and/or proposed activities;
- b. provide for the development of a mailing list for distribution of the fact sheets;
- c. provide for the establishment of an information and document repository at or near the Site with public access during business hours for inspection and copying of such information and documents; and
- d. identify a community liaison for the Companies with respect to activities to be conducted pursuant to the workplan.”

The following sections describe how the Companies will continue to address the NDEP’s aforementioned requirements for public participation related to environmental programs at the property, and also incorporate applicable and discretionary activities for community involvement planning pursuant to the U.S. EPA *Superfund Community Involvement Handbook* (2005) and U.S. EPA *Superfund Community Involvement Toolkit* (2002). Current site activities include the implementation of Phase II Environmental Conditions Site Investigations, and the operation of a groundwater extraction and treatment system (GWTS) and a soil vapor extraction system. Detailed descriptions of these activities are described in reports currently on file at the James I. Gibson Public Library and also a part of the Administrative Record maintained by the NDEP at their offices in Las Vegas, Nevada.

The CIP and its associated components are considered to be “evergreen documents” and will continue to be updated when necessitated by environmental activities, or at the request of the NDEP. In accordance with U.S. EPA guidance, “the CIP will be revised as community concern warrants or at least every three years until the site is closed out.”

Activity #1: Fact Sheets – Provide for the periodic development and distribution of fact sheets summarizing current and/or proposed activities. Fact Sheets may be used for several issues, which would allow for a specific activity or detailed technical summary.

Objective: To provide citizens with current, accurate, easy-to-read, easy-to-understand information about site activities. Current Fact Sheets available for the Pioneer/Stauffer and Montrose facilities supply the public with information about past, current, and upcoming site activities; NDEP contact information; identify the site contact person; and provide the location of the public document repository.

Method: Fact Sheets will continue to be made available for public review at the James I. Gibson Public Library and on the Internet at the NDEP’s website (<http://ndep.nv.gov/bmi/index.htm>). Additionally, if appropriate based on community interest, the Fact Sheets would be mailed to all parties on a site mailing list (Activity #2, below).

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Proposed Activity: Existing Fact Sheets for the Pioneer/Stauffer and Montrose facilities will be updated periodically to summarize new and notable information about environmental programs at the site and issues of potential public interest.

Activity #2: Mailing List – Provide for the development of a mailing list for distribution of the fact sheets.

Objective: To facilitate the distribution of Fact Sheets to everyone who needs or wants to be kept informed about environmental activities at the site.

Method: The Companies would create a mailing list, as appropriate, based on community interest. The mailing list of residents and businesses would be identified using a database service. The Companies would also solicit other interested parties via Fact Sheets.

Proposed Activity: If it is determined by the NDEP that it is necessary to provide notification to the public, then the NDEP and the Companies shall meet and confer regarding an appropriate geographic area of notification for a mailing list. Additionally, the Companies will continue to update the document repository (Activity #3, below) with any public notifications. If this issue cannot be resolved in a time frame acceptable to the NDEP, NDEP may elect to distribute such notification. NDEP will complete this work under the existing Phase II Consent Agreement (AOC) with the Companies. The NDEP will utilize Section XVII (Reimbursement of Division Oversight Costs) and may also choose to use Section XIV (Stipulated Penalties) to complete this work.

Activity #3: Information and Document Repository – Provide for the establishment of an information and document repository at or near the Site with public access during business hours for inspection and copying of such information and documents.

Objective: To provide a convenient location where residents can go to read and copy official documents and other pertinent information about the site.

Method: The repository is a reference collection of site information including the CIP and Fact Sheets. The repository will be accessible to the physically challenged, will have a copy machine, and will be available to residents during normal business hours and at least some evening and/or weekend hours.

Proposed Activity: The Companies have contacted representatives at the James I. Gibson Public Library, 280 S. Water Street, Henderson, Nevada, and have found that

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the library is amenable to transitioning the subject Information and Document Repository from the existing hard-copy format to an electronic (i.e., computer related) system. The Companies are currently in the process of finalizing details with the library to arrange for the storage, filing and viewing of project related documents in electronic format such that the Site Information and Document Repository can readily be updated and maintained. The Companies will update the NDEP regarding the final details for the storage, filing and viewing of project related documents at the James I. Gibson Public Library.

Activity #4: Community Liaison – Identify a community liaison for the Companies with respect to activities to be conducted pursuant to the workplan (i.e., planning documents).

Objective: To provide a primary liaison between the community and the Companies, and to ensure prompt, accurate, and consistent responses and information about the site.

Method: The Companies will designate a community liaison to handle site inquiries and serve as a site point of contact for community members.

Proposed Activity: The Companies have designated Cindi Byrns of the Olin Chlor Alkali Products Division, 8000 Lake Mead Parkway, Gate 1, Henderson, Nevada, as the community liaison. Ms Byrns can be contacted at 702-564-0248 to receive community inquiries. Ms. Byrns, will in turn, contact the appropriate representative on behalf of the Companies, to provide follow-up in response to inquiries.

Discretionary Activity #5: Availabilities and Poster Sessions – Although not a requirement of the Companies pursuant to the Administrative Record, the Companies would be willing to participate in a Complex-wide poster/availability if coordinated by the NDEP with the other manufacturing facilities associated with the Black Mountain Industrial Complex (i.e., BRC, Tronox LLC, Titanium Metals Corporation, Chemstar Lime Co., and American Pacific Corporation). However, the Companies do not propose to coordinate an independent poster/availability session solely related to the Olin property.

Objective: To enable residents to ask any questions they may have for the Companies and NDEP's representatives, in a comfortable and informal setting, without the fear of speaking in a public forum.

Method: An informal session coordinated by the NDEP or others, at which the residents are able to speak with the site team members on a one-on-one basis. It should be held at a convenient time and location for the residents. The site team members may

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use visual aids, hand out literature or Fact Sheets, and use posters to identify specific topics available for discussion.

Proposed Activity: As described above, the Companies would be willing to participate in a poster session coordinated by the NDEP or others, which is a less structured alternative to public meetings, and would be conducted as needed, based on community interest.

CLOSING

Should you have any questions regarding this CIP, please call Nick Pogoncheff of PES at (415-899-1600).

Yours very truly,

PES ENVIRONMENTAL, INC.

Nicholas C. Pogoncheff, P.G., C.E.M.
Principal Hydrogeologist

Attachment: Plate 1 – Site Location and Site Plan

REFERENCES

Hargis + Associates (Hargis), 2007. *Draft Conceptual Site Model, Former Montrose and Stauffer Facilities, and Downgradient Areas to Las Vegas Wash.* September 21.

U.S. EPA, 2002. *Superfund Community Involvement Toolkit.* EPA 540-K-01-004. September.

U.S. EPA, 2005. *Superfund Community Involvement Handbook.* EPA 540-K-05-003. April.

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cc: Marysia Skorska – Nevada Division of Environmental Protection, LV
Dante Pistone - Nevada Division of Environmental Protection, Carson City
George Crouse – Syngenta Crop Protection, Inc.
Lee Erickson – Stauffer Management Company LLC
Michael J. Bellotti – Olin Corporation
Paul Sundberg – Montrose Chemical Corporation of California
Ranajit Sahu – Basic Remediation Company
Craig Wilkinson – Titanium Metals Corporation
Susan Crowley – Tronox LLC
Brenda Pohlmann – City of Henderson

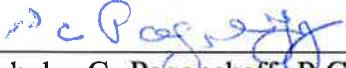
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JURAT

**Revised Community Involvement Plan
Olin Chlor Alkali Products Property
Former Pioneer Americas LLC Facility
Former Stauffer Chemical Company Facility
Former Montrose Chemical Corporation of California Facility
Henderson, Nevada**

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state, and local statutes, regulations and ordinances.

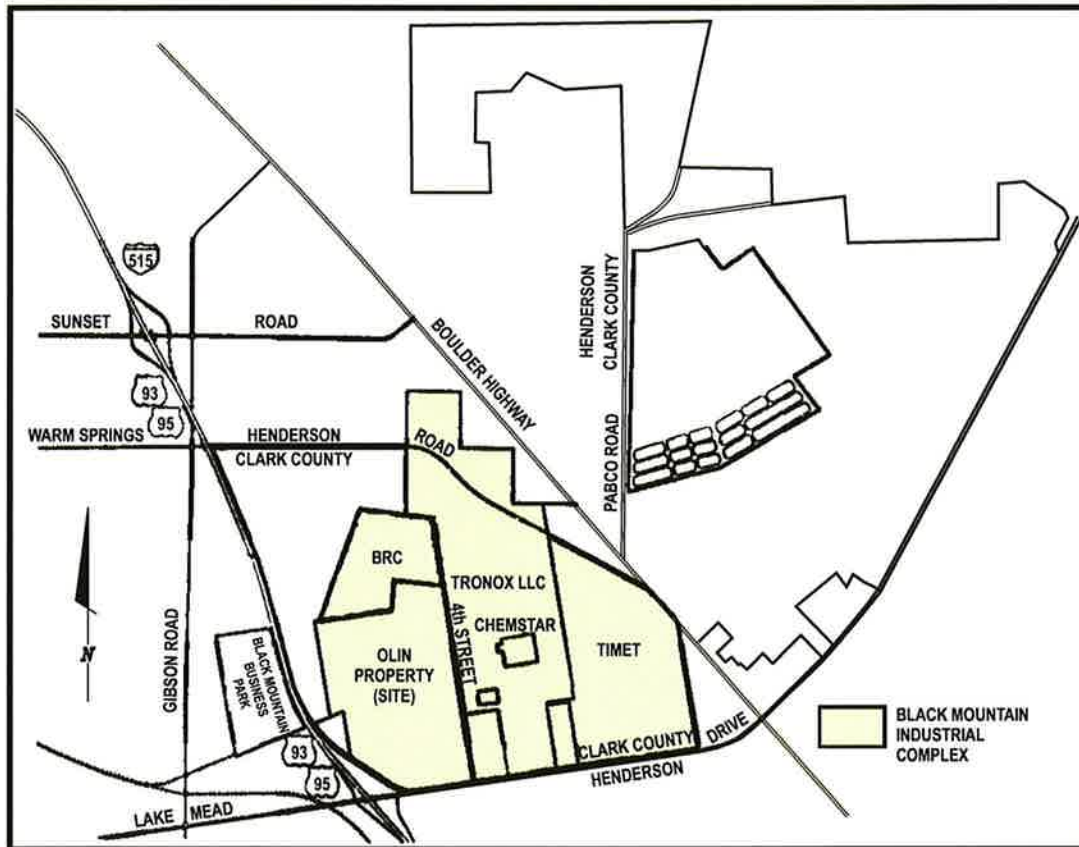
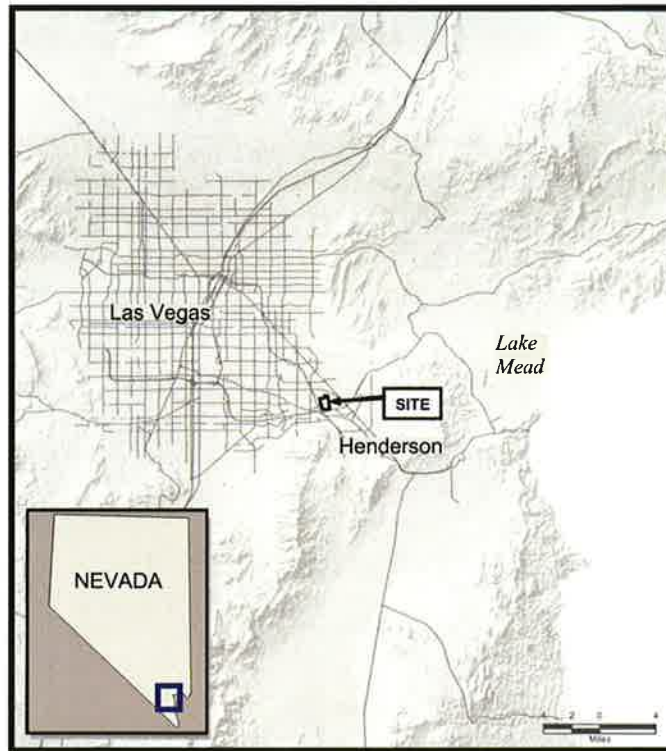
The services provided and attested to with this Jurat include the preparation of this *Revised Community Involvement Plan, Olin Corporation Chlor Alkali Products Division Property, Former Pioneer Americas LLC Facility, Former Stauffer Chemical Company Facility, Former Montrose Chemical Corporation of California Facility, Henderson, Nevada.*



Nicholas C. Pogoncheff, P.G., C.E.M.
Nevada C.E.M. No. 2067, expires 3/1/2009

April 4, 2008
Date

ATTACHMENT



PES Environmental, Inc.
Engineering & Environmental Services

Site Location and Site Map
Olin Chlor Alkali Products
Henderson, Nevada

PLATE

1